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WATER ELEVATION REPORT
FOR THE NORTHWEST BOUNDARY SYSTEM:
JULY 1985 THROUGH MAY 1986

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**WATER ELEVATION REPORT
FOR THE NORTHWEST BOUNDARY SYSTEM:
JULY 1985 THROUGH MAY 1986**

INTRODUCTION

This report is divided into four sections: 1) well information, 2) water elevation statistics, 3) water elevation plots and 4) water level listings. The statistics and plots for the wells are arranged in order of where the wells occur in the boundary system starting from the southwest and going northeast.

In order to make comparisons between water elevations in the dewatering, recharge and center areas of the boundary system, wells in one area of the boundary were "matched" with wells in the other areas based on proximity to one another. The "matched" wells were then listed together for the statistics and water elevation plots. Those individuals who disagree with the matching procedure can use information presented in Table 1 or the data listings that accompany the plots to form their own conclusions.

Water elevations (as opposed to water depths) are used for water level comparisons between wells. Differences in surface elevations at the well sites make the use of elevations necessary.

TIME SPAN

TIME SPAN corresponds to the beginning and ending dates during which the water levels were taken for each well.

WELL INFORMATION

WELL NUMBER is made up of the section number (01-36) and the well sequence number (001-999) within the section.

AREA is coded "R" if the well is in the recharge area, "D" if it is in the dewatering area or "C" if it is in the center area.

EAST AND NORTH COORD (coordinates) are state planar.

AQUIFER TYPE is the aquifer where the well's screen is located. The codes associated with it include:

ALL - Alluvium
DEN - Denver

TOG ELEV. is the top of ground (MSL) elevation.

TOS ELEV. is the top of screen elevation.

BOS ELEV. is the bottom of screen elevation.

STATISTICS

WELL NUMBER (same as above).

MEAN ELEV. is the average water elevation measured to the nearest one hundredth of a foot. The code "DRY" will appear if the well is dry or if all water levels fall below the bottom of screen. Dry measurements are included in the data listing, but are not included in the statistics or plots.

N corresponds to the sample size included in the statistics.

STD. DEV. ELEV. is the unbiased standard deviation (i.e. $N-1$ in the denominator) of the water elevation. It is computed to the nearest one hundredth of a foot. The standard deviation cannot be computed if the sample size is less than 2. The code "ERR" will appear under this condition.

99% CONFIDENCE INTERVAL for **ELEV.** was computed by using the unbiased standard deviation and the "t-value" corresponding to the appropriate degrees of freedom ($n-1$). With regard to interpretation, we can state that 99% of the intervals so obtained would include the population (true) mean. The confidence interval is computed to the nearest one hundredth of a foot. It cannot be computed when the sample size is less than 2. The code "ERR" will appear under this condition.

MEAN DEPTH (FT) is the average depth to water measured from the top of ground. Water depth is measured to the nearest one hundredth of a foot. The code "DRY" will appear if the well is dry or if all of the water measurements fall below the bottom of screen.

WATER ELEVATION PLOT

The water elevation plots for the Northwest Boundary System monitoring wells include elevations for matched wells in the dewatering, recharge and center areas of the boundary. If multiple water measurements were taken during the same month, the average of these measurements was plotted. A list of abbreviations used with the elevation plots follows:

- D - Represents a well in the dewatering area of the boundary.
- R - Represents a well in the recharge area of the boundary.
- C - Represents a well in the center area of the boundary.

WATER LEVEL LISTING

WELL corresponds to well number (see above).

BEDROCK DEPTH and **BEDROCK ELEVATIONS** are measured to the nearest one hundredth of a foot.

SAMPLE DATE is in month, day then year format.

AREA is coded either "D", "R" or "C" to indicate that the monitoring well is in the dewatering, recharge or center area of the boundary.

WATER DEPTH FROM GRND. (Ground) is measured to the nearest one hundredth of a foot.

WATER ELEVATION is measured to the nearest one hundredth of a foot.

SAT THICK is the saturated thickness and is computed by subtracting the bedrock elevation from the water elevation. Zeros will appear if the bedrock elevation is not known or if the saturated thickness is found to be negative.

REMARKS will include any special information concerning the well or the measurement. Water levels falling below the bottom of screen will have "DRY" in the REMARKS column. Wells which are clogged, destroyed or coded as being dry will also have an appropriate message in the REMARKS column.

TABLE 1

**Mean Water Elevations for the Monitoring
Wells in the Dewatering, Center and Recharge
Areas of the Northwest Boundary System**

<u>Dewatering Area</u>		<u>Center Area</u>		<u>Recharge Area</u>	
<u>Well #</u>	<u>X Elev.</u>	<u>Well #</u>	<u>X Elev.</u>	<u>Well #</u>	<u>X Elev.</u>
22061	5092.43	22038	5093.23	22056	5093.59
22062	5092.20	22038	5093.23	22035	5093.53
22063	5091.68	22019	5092.48	22057	5093.64
22064	5091.17	22010	5092.30	22076	5093.04
22066	5089.63	22018	5089.11	22074	5088.50
22068	5089.21	22017	5088.82	22074	5088.50
22069	5087.82	22016	5088.81	22073	5100.17
22071	5104.43	22015	5088.62	22073	5100.17

NOTE: From July of 1985 to the present, the water elevations on the dewatering side of the boundary have been an average of 1.57 feet lower than those on the recharge side.

NORTHWEST BOUNDARY SYSTEM
MONITORING WELLS: 22061, 22038 AND 22056

REPORT DATE: MAY 1986

WELL 22061 TIME SPAN: Jul-85 THROUGH May-86
WELL 22038 TIME SPAN: Sep-85 THROUGH May-86
WELL 22056 TIME SPAN: Jul-85 THROUGH May-86

WELL INFORMATION

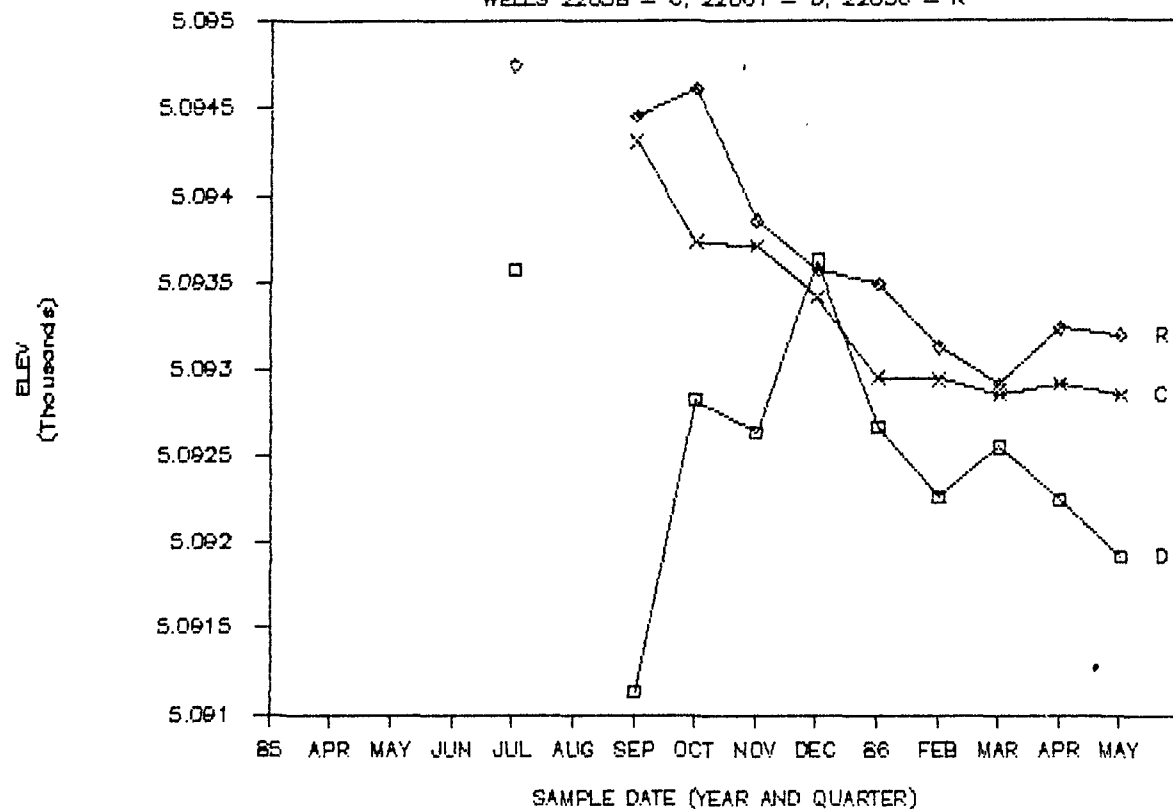
WELL NUMBER	AREA	EAST COORD.	NORTH COORD.	AQUIFER TYPE	TOG ELEV.	TOS ELEV.	BOS ELEV.
22061	D	2174884	191198		5125.80		
22038	C	2174734	191517	ALL	5121.10	5091.10	5065.60
22056	R	2174467	191633	ALL	5124.70	5079.80	5069.80

STATISTICS

WELL NUMBER	MEAN ELEV.	N	STD. DEV. ELEV.	99% CONFIDENCE INTERVAL ELEV.	MEAN DEPTH (FT)
22061	5092.43	25	0.67	5092.05 - 5092.80	33.37
22038	5093.23	23	0.52	5092.92 - 5093.53	27.87
22056	5093.59	25	0.69	5093.21 - 5093.98	31.11

WATER ELEVATION PLOT

WELLS 22038 = C, 22061 = D, 22056 = R



WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22061 BEDROCK DEPTH: BEDROCK ELEV:

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
07/12/85	D	32.23	5093.57	0.00	
09/18/85	D	35.67	5090.13	0.00	
09/25/85	D	33.67	5092.13	0.00	
10/21/85	D	32.50	5093.30	0.00	MEAS @GRND
10/23/85	D	33.00	5092.80	0.00	
10/30/85	D	33.42	5092.38	0.00	
11/06/85	D	33.34	5092.46	0.00	
11/20/85	D	33.09	5092.71	0.00	
11/27/85	D	33.05	5092.75	0.00	
12/04/85	D	32.17	5093.63	0.00	
01/22/86	D	33.13	5092.67	0.00	
02/07/86	D	33.42	5092.38	0.00	
02/14/86	D	33.84	5091.96	0.00	
02/18/86	D	33.42	5092.38	0.00	
02/26/86	D	33.42	5092.38	0.00	
03/04/86	D	33.13	5092.67	0.00	MEAS @GRND
03/11/86	D	33.25	5092.55	0.00	
03/18/86	D	33.42	5092.38	0.00	
03/26/86	D	33.17	5092.63	0.00	
04/02/86	D	33.34	5092.46	0.00	
04/10/86	D	33.59	5092.21	0.00	
04/16/86	D	33.17	5092.63	0.00	
04/25/86	D	34.09	5091.71	0.00	
05/01/86	D	34.00	5091.80	0.00	
05/08/86	D	33.75	5092.05	0.00	

WELL: 22038 BEDROCK DEPTH: 55.50 BEDROCK ELEV: 5065.60

09/18/85	C	27.10	5094.00	28.40	
09/25/85	C	26.47	5094.63	29.03	
10/23/85	C	27.38	5093.72	28.12	
10/30/85	C	27.35	5093.75	28.15	
11/06/85	C	27.10	5094.00	28.40	
11/20/85	C	27.30	5093.80	28.20	
11/27/85	C	27.76	5093.34	27.74	
12/04/85	C	27.68	5093.42	27.82	
01/22/86	C	26.14	5092.96	27.36	
02/07/86	C	28.30	5092.80	27.20	
02/13/86	C	28.05	5093.05	27.45	
02/18/86	C	27.97	5093.13	27.53	
02/26/86	C	28.30	5092.80	27.20	
03/04/86	C	28.28	5092.82	27.22	
03/11/86	C	28.39	5092.71	27.11	
03/18/86	C	27.97	5093.13	27.53	
03/26/86	C	28.30	5092.80	27.20	

WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22038 BEDROCK DEPTH: 55.50 BEDROCK ELEV: 5065.60

SAMPLE DATE -----	AREA -----	WATER DEPTH FROM GRND (ft) -----	WATER ELEVATION -----	SAT THICK -----	REMARKS -----
04/02/86	C	28.14	5092.96	27.36	
04/10/86	C	28.39	5092.71	27.11	
04/16/86	C	27.89	5093.21	27.61	
04/25/86	C	28.30	5092.80	27.20	
05/01/86	C	28.26	5092.84	27.24	
05/08/86	C	28.22	5092.88	27.28	

WELL: 22056 BEDROCK DEPTH: 54.50 BEDROCK ELEV: 5070.20

07/12/85	R	29.95	5094.75	24.55	
09/18/85	R	30.03	5094.67	24.47	
09/25/85	R	30.45	5094.25	24.05	
10/21/85	R	29.45	5095.25	25.05	
10/23/85	R	30.53	5094.17	23.97	
10/30/85	R	30.28	5094.42	24.22	
11/06/85	R	30.49	5094.21	24.01	
11/20/85	R	30.95	5093.75	23.55	
11/27/85	R	31.08	5093.62	23.42	
12/04/85	R	31.12	5093.58	23.38	
01/22/86	R	31.20	5093.50	23.30	
02/07/86	R	31.62	5093.08	22.88	
02/13/86	R	31.62	5093.08	22.88	
02/18/86	R	31.45	5093.25	23.05	
02/26/86	R	31.58	5093.12	22.92	
03/04/86	R	32.03	5092.67	22.47	
03/11/86	R	31.87	5092.83	22.63	
03/18/86	R	31.45	5093.25	23.05	
03/26/86	R	31.78	5092.92	22.72	
04/02/86	R	31.53	5093.17	22.97	
04/10/86	R	32.03	5092.67	22.47	
04/16/86	R	31.28	5093.42	23.22	
04/25/86	R	30.99	5093.71	23.51	
05/01/86	R	31.53	5093.17	22.97	
05/08/86	R	31.45	5093.25	23.05	

NORTHWEST BOUNDARY SYSTEM
MONITORING WELLS: 22062, 22038 AND 22035

REPORT DATE: MAY 1986

WELL 22062 TIME SPAN: Jul-85 THROUGH May-86
WELL 22038 TIME SPAN: Sep-85 THROUGH May-86
WELL 22035 TIME SPAN: Sep-85 THROUGH May-86

WELL INFORMATION

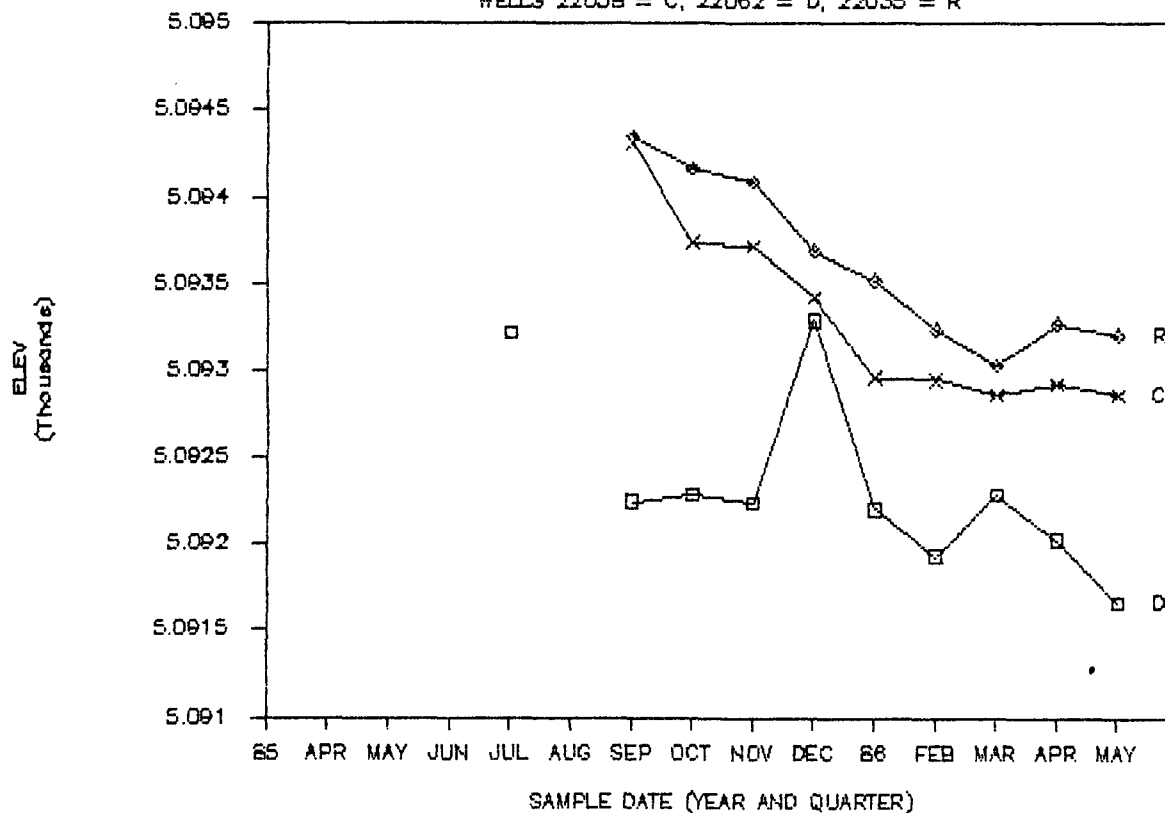
WELL NUMBER	AREA	EAST COORD.	NORTH COORD.	AQUIFER TYPE	TOG ELEV.	TOS ELEV.	BOS ELEV.
22062	D	2175082	191423		5127.50		
22038	C	2174734	191517	ALL	5121.10	5091.10	5065.60
22035	R	2174433	191783	ALX	5122.60	5089.10	5065.10

STATISTICS

WELL NUMBER	MEAN ELEV.	N	STD. DEV. ELEV.	99% CONFIDENCE INTERVAL ELEV.	MEAN DEPTH (FT)
22062	5092.20	25	0.45	5091.95 - 5092.45	35.30
22038	5093.23	23	0.52	5092.92 - 5093.53	27.87
22035	5093.53	23	0.53	5093.22 - 5093.84	29.07

WATER ELEVATION PLOT

WELLS 22038 = C, 22062 = D, 22035 = R



WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22038 BEDROCK DEPTH: 55.50 BEDROCK ELEV: 5065.60

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
04/02/86	C	28.14	5092.96	27.36	
04/10/86	C	28.39	5092.71	27.11	
04/16/86	C	27.89	5093.21	27.61	
04/25/86	C	28.30	5092.80	27.20	
05/01/86	C	28.26	5092.84	27.24	
05/08/86	C	28.22	5092.88	27.28	

WELL: 22035 BEDROCK DEPTH: 57.50 BEDROCK ELEV: 5065.10

09/18/85	R	28.12	5094.48	29.38	
09/25/85	R	28.37	5094.23	29.13	
10/23/85	R	28.45	5094.15	29.05	
10/30/85	R	28.41	5094.19	29.09	
11/06/85	R	28.08	5094.52	29.42	
11/20/85	R	28.83	5093.77	28.67	
11/27/85	R	28.62	5093.98	28.88	
12/04/85	R	28.91	5093.69	28.59	
01/22/86	R	29.08	5093.52	28.42	
02/07/86	R	29.37	5093.23	28.13	
02/13/86	R	29.41	5093.19	28.09	
02/18/86	R	29.29	5093.31	28.21	
02/26/86	R	29.37	5093.23	28.13	
03/04/86	R	29.95	5092.65	27.55	
03/11/86	R	29.58	5093.02	27.92	
03/18/86	R	29.29	5093.31	28.21	
03/26/86	R	29.45	5093.15	28.05	
04/02/86	R	29.45	5093.15	28.05	
04/10/86	R	29.87	5092.73	27.63	
04/16/86	R	29.12	5093.48	28.38	
04/25/86	R	28.87	5093.73	28.63	
05/01/86	R	29.41	5093.19	28.09	
05/08/86	R	29.37	5093.23	28.13	

NORTHWEST BOUNDARY SYSTEM
MONITORING WELLS: 22063, 22019 AND 22057

REPORT DATE: MAY 1986

WELL 22063 TIME SPAN: Jul-85 THROUGH May-86
WELL 22019 TIME SPAN: Jul-85 THROUGH May-86
WELL 22057 TIME SPAN: Jul-85 THROUGH May-86

WELL INFORMATION

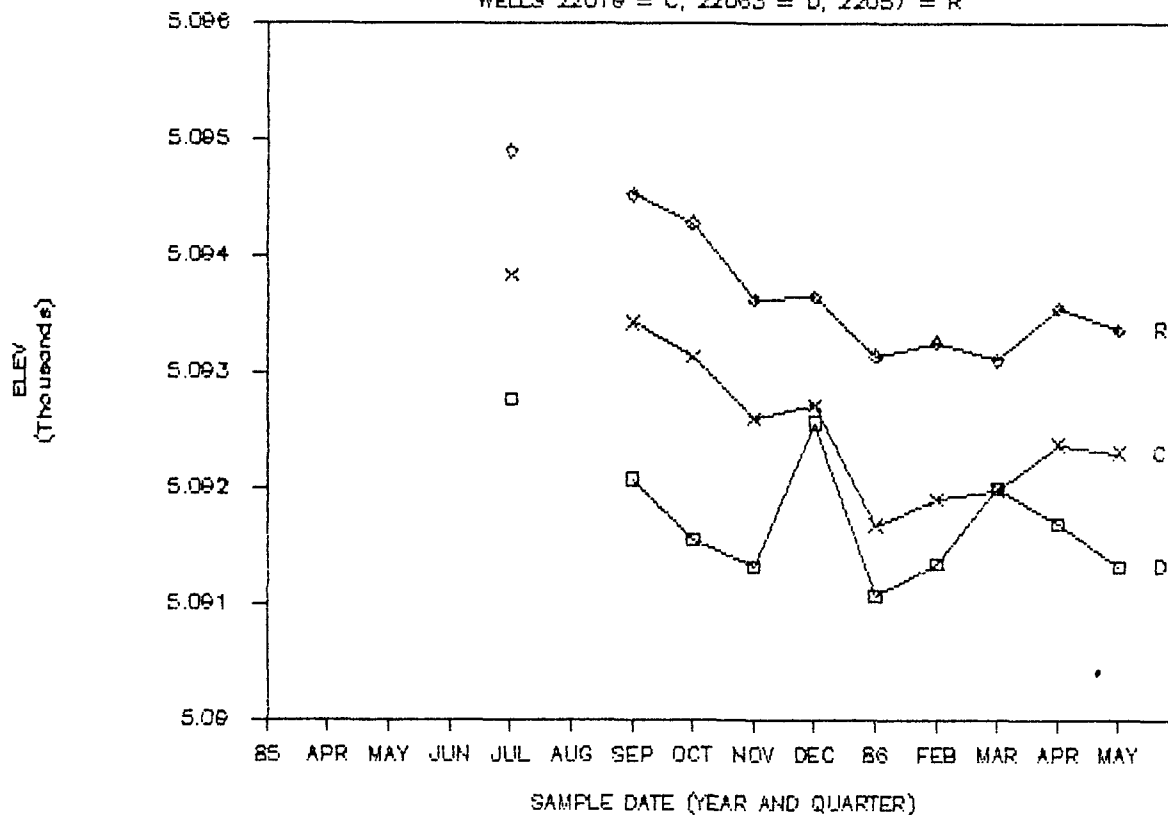
WELL NUMBER	AREA	EAST COORD.	NORTH COORD.	AQUIFER TYPE	T06 ELEV.	T05 ELEV.	B05 ELEV.
22063	D	2175280	191648		5124.90		
22019	C	2175142	191979	ALL	5120.50	5078.50	5068.50
22057	R	2174995	192232	ALL	5123.30	5088.70	5078.70

STATISTICS

WELL NUMBER	MEAN ELEV.	N	STD. DEV. ELEV.	99% CONFIDENCE INTERVAL ELEV.	MEAN DEPTH (FT)
22063	5091.68	25	0.55	5091.37 - 5091.99	33.22
22019	5092.48	25	0.65	5092.12 - 5092.85	28.02
22057	5093.64	25	0.65	5093.28 - 5094.00	29.66

WATER ELEVATION PLOT

WELLS 22019 = C, 22063 = D, 22057 = R



WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22063 BEDROCK DEPTH: BEDROCK ELEV:

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
07/12/85	D	32.13	5092.77	0.00	
09/18/85	D	33.49	5091.41	0.00	
09/25/85	D	32.16	5092.74	0.00	
10/21/85	D	33.13	5091.77	0.00	
10/23/85	D	33.21	5091.69	0.00	
10/30/85	D	33.71	5091.19	0.00	
11/06/85	D	33.58	5091.32	0.00	
11/20/85	D	33.66	5091.24	0.00	
11/27/85	D	33.49	5091.41	0.00	
12/04/85	D	32.33	5092.57	0.00	
01/22/86	D	33.83	5091.07	0.00	
02/07/86	D	34.08	5090.82	0.00	
02/14/86	D	33.41	5091.49	0.00	
02/18/86	D	32.87	5092.03	0.00	
02/26/86	D	33.83	5091.07	0.00	
03/04/86	D	32.41	5092.49	0.00	
03/11/86	D	33.08	5091.82	0.00	
03/18/86	D	32.87	5092.03	0.00	
03/26/86	D	33.25	5091.65	0.00	
04/02/86	D	33.33	5091.57	0.00	
04/10/86	D	32.66	5092.24	0.00	
04/16/86	D	33.00	5091.90	0.00	
04/25/86	D	33.83	5091.07	0.00	
05/01/86	D	33.75	5091.15	0.00	
05/08/86	D	33.41	5091.49	0.00	

WELL: 22019 BEDROCK DEPTH: 52.00 BEDROCK ELEV: 5068.50

07/11/85	C	26.66	5093.84	25.34	
09/18/85	C	27.52	5092.98	24.48	
09/25/85	C	26.61	5093.89	25.39	
10/21/85	C	27.16	5093.34	24.84	
10/23/85	C	27.44	5093.06	24.56	
10/30/85	C	27.49	5093.01	24.51	
11/06/85	C	27.69	5092.81	24.31	
11/20/85	C	27.86	5092.64	24.14	
11/27/85	C	28.15	5092.35	23.85	
12/04/85	C	27.78	5092.72	24.22	
01/22/86	C	28.82	5091.68	23.18	
02/07/86	C	28.74	5091.76	23.26	
02/13/86	C	28.28	5092.22	23.72	
02/18/86	C	29.19	5091.31	22.81	
02/26/86	C	28.15	5092.35	23.85	
03/04/86	C	28.15	5092.35	23.85	
03/11/86	C	28.44	5092.06	23.56	

WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22010 BEDROCK DEPTH: 42.00 BEDROCK ELEV: 5080.30

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
03/18/86	C	30.81	5091.49	11.19	
03/26/86	C	30.10	5092.20	11.90	
04/02/86	C	30.14	5092.16	11.86	
04/10/86	C	29.81	5092.49	12.19	
04/16/86	C	29.73	5092.57	12.27	
04/25/86	C	30.73	5091.57	11.27	
05/01/86	C	29.98	5092.32	12.02	
05/08/86	C	29.89	5092.41	12.11	

WELL: 22076 BEDROCK DEPTH: BEDROCK ELEV:

07/12/85	R	30.21	5093.79	0.00	
09/18/85	R	30.34	5093.66	0.00	
09/25/85	R	29.87	5094.13	0.00	
10/21/85	R	30.31	5093.69	0.00	
10/23/85	R	0.00	0.00	0.00	BLOCKED @4.5
10/30/85	R	0.00	0.00	0.00	BLOCKED @4.2
11/06/85	R	30.38	5093.62	0.00	
11/20/85	R	31.13	5092.87	0.00	
11/27/85	R	31.21	5092.79	0.00	
12/04/85	R	30.96	5093.04	0.00	
01/22/86	R	31.42	5092.58	0.00	
02/07/86	R	31.25	5092.75	0.00	
02/13/86	R	31.50	5092.50	0.00	
02/18/86	R	30.96	5093.04	0.00	
02/26/86	R	32.09	5091.91	0.00	
03/04/86	R	31.84	5092.16	0.00	
03/11/86	R	31.21	5092.79	0.00	
03/18/86	R	30.96	5093.04	0.00	
03/26/86	R	31.09	5092.91	0.00	
04/02/86	R	31.13	5092.87	0.00	
04/10/86	R	31.25	5092.75	0.00	
04/16/86	R	30.50	5093.50	0.00	
04/25/86	R	30.46	5093.54	0.00	
05/01/86	R	30.96	5093.04	0.00	
05/08/86	R	31.04	5092.96	0.00	

NORTHWEST BOUNDARY SYSTEM
MONITORING WELLS: 22066, 22018 AND 22074

REPORT DATE: MAY 1986

WELL 22066 TIME SPAN: Jul-85 THROUGH May-86
WELL 22018 TIME SPAN: Jul-85 THROUGH May-86
WELL 22074 TIME SPAN: Sep-85 THROUGH May-86

WELL INFORMATION

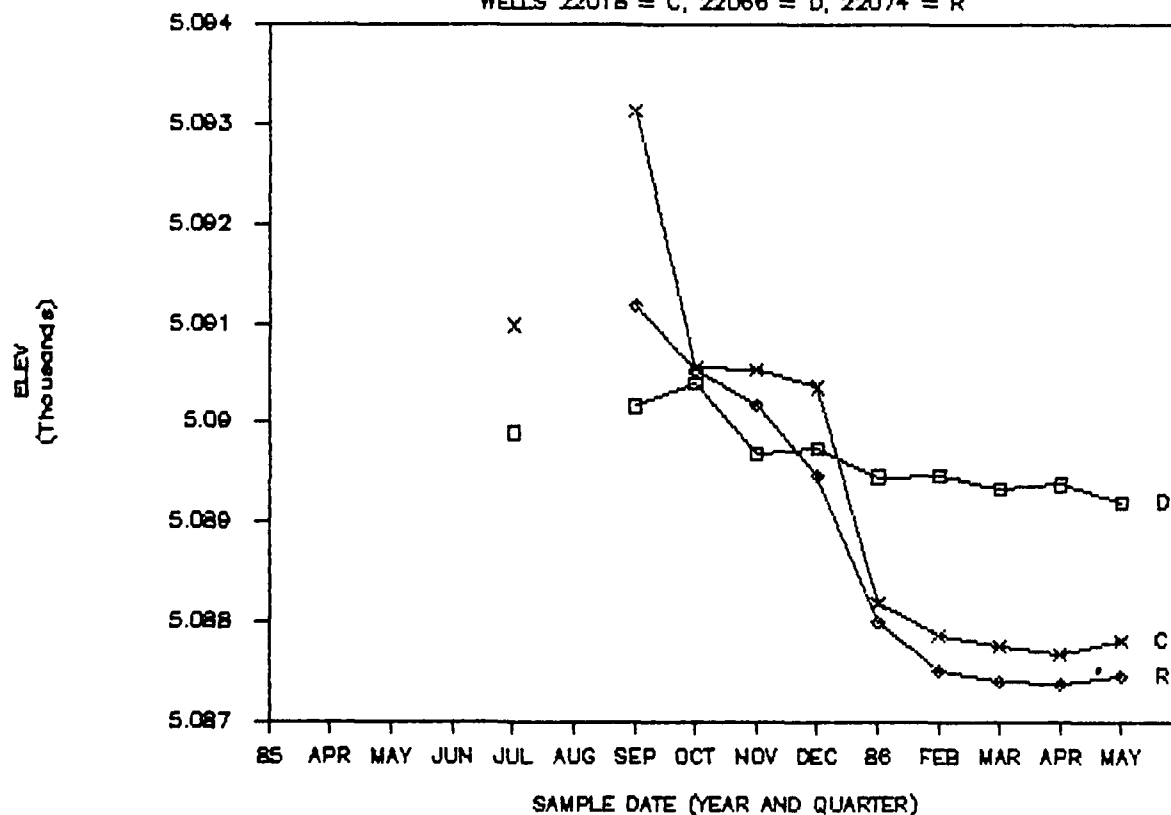
WELL NUMBER	AREA	EAST COORD.	NORTH COORD.	AQUIFER TYPE	T06 ELEV.	T05 ELEV.	B05 ELEV.
22066	D	2175737	192145		5129.40		
22018	C	2175472	192355	ALL	5123.80	5093.30	5083.30
22074	R	2175523	192833		5130.50		

STATISTICS

WELL NUMBER	MEAN ELEV.	N	STD. DEV. ELEV.	99% CONFIDENCE INTERVAL ELEV.	MEAN DEPTH (FT)
22066	5089.63	25	0.53	5089.33 - 5089.93	39.77
22018	5089.11	25	1.86	5088.07 - 5090.15	34.69
22074	5088.50	23	1.49	5087.62 - 5089.37	42.01

WATER ELEVATION PLOT

WELLS 22018 = C, 22066 = D, 22074 = R



WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22066 BEDROCK DEPTH: BEDROCK ELEV:

SAMPLE DATE -----	AREA -----	WATER DEPTH FROM GRND (ft) -----	WATER ELEVATION -----	SAT THICK -----	REMARKS -----
07/12/85	D	39.51	5089.89	0.00	
09/18/85	D	39.91	5089.49	0.00	
09/25/85	D	38.57	5090.83	0.00	
10/21/85	D	38.51	5090.89	0.00	
10/23/85	D	39.08	5090.32	0.00	
10/30/85	D	39.45	5089.95	0.00	
11/06/85	D	39.62	5089.78	0.00	
11/20/85	D	39.77	5089.63	0.00	
11/27/85	D	39.74	5089.66	0.00	
12/04/85	D	39.66	5089.74	0.00	
01/22/86	D	39.95	5089.45	0.00	
02/07/86	D	39.58	5089.82	0.00	
02/14/86	D	39.74	5089.66	0.00	
02/18/86	D	40.16	5089.24	0.00	
02/26/86	D	40.29	5089.11	0.00	
03/04/86	D	40.24	5089.16	0.00	
03/11/86	D	40.08	5089.32	0.00	
03/18/86	D	40.16	5089.24	0.00	
03/26/86	D	39.83	5089.57	0.00	
04/02/86	D	39.99	5089.41	0.00	
04/10/86	D	39.16	5090.24	0.00	
04/16/86	D	40.91	5088.49	0.00	
04/25/86	D	40.04	5089.36	0.00	
05/01/86	D	40.24	5089.16	0.00	
05/08/86	D	40.16	5089.24	0.00	

WELL: 22018 BEDROCK DEPTH: 40.50 BEDROCK ELEV: 5083.30

07/11/85	C	32.83	5090.97	7.67	
09/18/85	C	32.53	5091.27	7.97	
09/25/85	C	28.78	5095.02	11.72	
10/21/85	C	33.43	5090.37	7.07	
10/23/85	C	33.16	5090.64	7.34	
10/30/85	C	33.16	5090.64	7.34	
11/06/85	C	33.20	5090.60	7.30	
11/20/85	C	33.15	5090.65	7.35	
11/27/85	C	33.49	5090.31	7.01	
12/04/85	C	33.45	5090.35	7.05	
01/22/86	C	35.61	5088.19	4.89	
02/07/86	C	35.86	5087.94	4.64	
02/13/86	C	35.95	5087.85	4.55	
02/18/86	C	35.95	5087.85	4.55	
02/26/86	C	36.03	5087.77	4.47	
03/04/86	C	36.07	5087.73	4.43	
03/11/86	C	36.11	5087.69	4.39	

WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22018 BEDROCK DEPTH: 40.50 BEDROCK ELEV: 5083.30

SAMPLE DATE -----	AREA -----	WATER DEPTH FROM GRND (ft) -----	WATER ELEVATION -----	SAT THICK -----	REMARKS -----
03/18/86	C	35.95	5087.85	4.55	
03/26/86	C	36.07	5087.73	4.43	
04/02/86	C	36.07	5087.73	4.43	
04/10/86	C	36.11	5087.69	4.39	
04/16/86	C	36.11	5087.69	4.39	
04/25/86	C	36.20	5087.60	4.30	
05/01/86	C	35.95	5087.85	4.55	
05/08/86	C	36.03	5087.77	4.47	

WELL: 22074 BEDROCK DEPTH: BEDROCK ELEV:

09/18/85	R	39.17	5091.33	0.00	
09/25/85	R	39.45	5091.05	0.00	
10/23/85	R	40.00	5090.50	0.00	
10/30/85	R	39.96	5090.54	0.00	
11/06/85	R	39.96	5090.54	0.00	
11/20/85	R	40.45	5090.05	0.00	
11/27/85	R	40.58	5089.92	0.00	
12/04/85	R	41.03	5089.47	0.00	
01/22/86	R	42.50	5088.00	0.00	
02/07/86	R	42.87	5087.63	0.00	
02/13/86	R	42.96	5087.54	0.00	
02/18/86	R	43.04	5087.46	0.00	
02/26/86	R	43.08	5087.42	0.00	
03/04/86	R	43.12	5087.38	0.00	
03/11/86	R	43.17	5087.33	0.00	
03/18/86	R	43.04	5087.46	0.00	
03/26/86	R	43.12	5087.38	0.00	
04/02/86	R	43.12	5087.38	0.00	
04/10/86	R	43.25	5087.25	0.00	
04/16/86	R	43.25	5087.25	0.00	
04/25/86	R	42.92	5087.58	0.00	
05/01/86	R	42.96	5087.54	0.00	
05/08/86	R	43.12	5087.38	0.00	

NORTHWEST BOUNDARY SYSTEM
MONITORING WELLS: 22068, 22017 AND 22074

REPORT DATE: MAY 1986

WELL 22068 TIME SPAN: Jul-85 THROUGH May-86
WELL 22017 TIME SPAN: Jul-85 THROUGH May-86
WELL 22074 TIME SPAN: Sep-85 THROUGH May-86

WELL INFORMATION

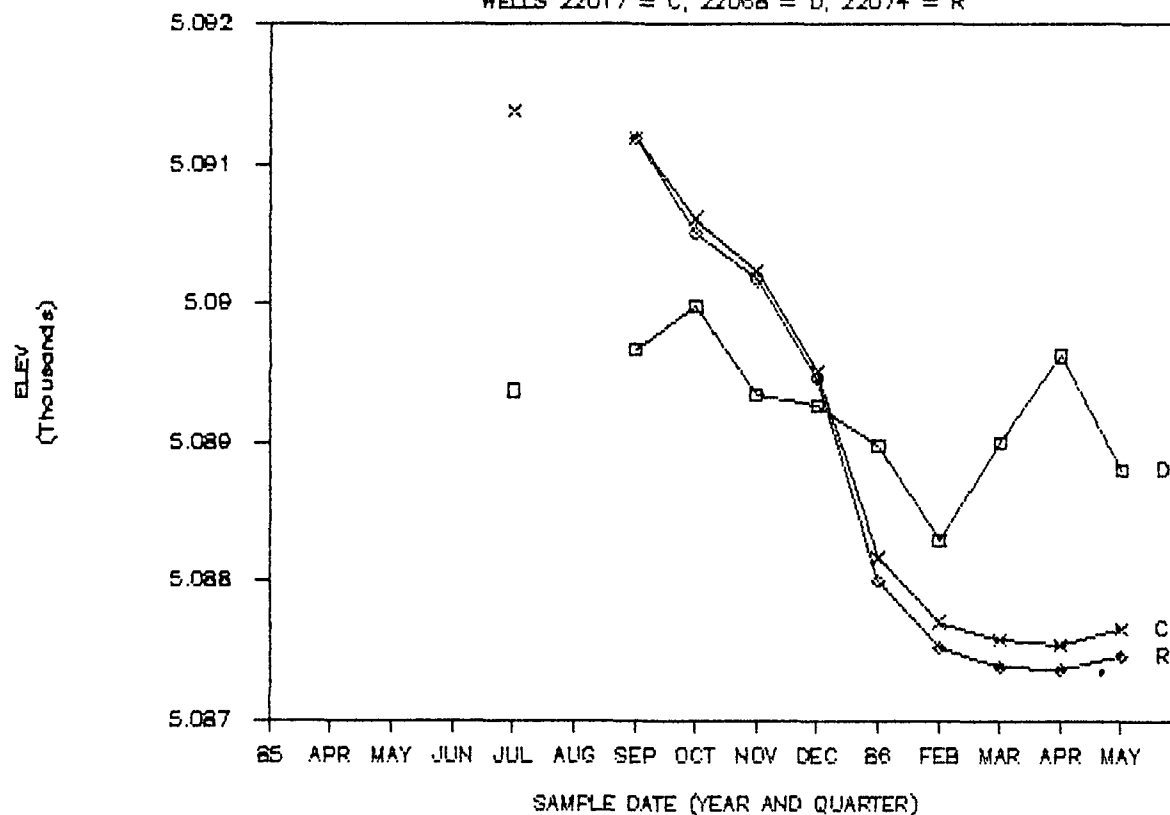
WELL NUMBER	AREA	EAST COORD.	NORTH COORD.	AQUIFER TYPE	TOS ELEV.	TOS ELEV.	BOS ELEV.
22068	D	2175888	192316		5128.00		
22017	C	2175637	192543	ALL	5129.60	5087.60	5077.60
22074	R	2175523	192833		5130.50		

STATISTICS

WELL NUMBER	MEAN ELEV.	N	STD. DEV. ELEV.	99% CONFIDENCE INTERVAL ELEV.	MEAN DEPTH (FT)
22068	5089.21	25	0.82	5088.75 - 5089.66	38.79
22017	5088.82	25	1.52	5087.97 - 5089.67	40.78
22074	5088.50	23	1.49	5087.62 - 5089.37	42.01

WATER ELEVATION PLOT

WELLS 22017 = C, 22068 = D, 22074 = R



WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22062 BEDROCK DEPTH:

BEDROCK ELEV:

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
07/12/85	D	34.28	5093.22	0.00	
09/18/85	D	35.63	5091.87	0.00	
09/25/85	D	34.88	5092.62	0.00	
10/21/85	D	34.98	5092.52	0.00	
10/23/85	D	35.05	5092.45	0.00	
10/30/85	D	35.63	5091.87	0.00	
11/06/85	D	35.38	5092.12	0.00	
11/20/85	D	35.24	5092.26	0.00	
11/27/85	D	35.17	5092.33	0.00	
12/04/85	D	34.21	5093.29	0.00	
01/22/86	D	35.30	5092.20	0.00	
02/07/86	D	35.71	5091.79	0.00	
02/14/86	D	35.46	5092.04	0.00	
02/18/86	D	35.51	5091.99	0.00	
02/26/86	D	35.59	5091.91	0.00	
03/04/86	D	34.84	5092.66	0.00	
03/11/86	D	35.13	5092.37	0.00	
03/18/86	D	35.51	5091.99	0.00	
03/26/86	D	35.38	5092.12	0.00	
04/02/86	D	35.34	5092.16	0.00	
04/10/86	D	35.30	5092.20	0.00	
04/16/86	D	35.13	5092.37	0.00	
04/25/86	D	36.13	5091.37	0.00	
05/01/86	D	36.13	5091.37	0.00	
05/08/86	D	35.55	5091.95	0.00	

WELL: 22038 BEDROCK DEPTH: 55.50 BEDROCK ELEV: 5065.60

09/18/85	C	27.10	5094.00	28.40	
09/25/85	C	26.47	5094.63	29.03	
10/23/85	C	27.38	5093.72	28.12	
10/30/85	C	27.35	5093.75	28.15	
11/06/85	C	27.10	5094.00	28.40	
11/20/85	C	27.30	5093.80	28.20	
11/27/85	C	27.76	5093.34	27.74	
12/04/85	C	27.68	5093.42	27.82	
01/22/86	C	28.14	5092.96	27.36	
02/07/86	C	28.30	5092.80	27.20	
02/13/86	C	28.05	5093.05	27.45	
02/18/86	C	27.97	5093.13	27.53	
02/26/86	C	28.30	5092.80	27.20	
03/04/86	C	28.28	5092.82	27.22	
03/11/86	C	28.39	5092.71	27.11	
03/18/86	C	27.97	5093.13	27.53	
03/26/86	C	28.30	5092.80	27.20	

WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22068 BEDROCK DEPTH: BEDROCK ELEV:

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
07/12/85	D	38.63	5089.37	0.00	
09/18/85	D	38.95	5089.05	0.00	
09/25/85	D	37.70	5090.30	0.00	
10/21/85	D	37.63	5090.37	0.00	
10/23/85	D	38.11	5089.89	0.00	
10/30/85	D	38.32	5089.68	0.00	
11/06/85	D	38.66	5089.34	0.00	
11/20/85	D	38.70	5089.30	0.00	
11/27/85	D	38.61	5089.39	0.00	
12/04/85	D	38.74	5089.26	0.00	
01/22/86	D	39.03	5088.97	0.00	
02/07/86	D	41.53	5086.47	0.00	
02/14/86	D	38.70	5089.30	0.00	
02/18/86	D	39.20	5088.80	0.00	
02/26/86	D	39.41	5088.59	0.00	
03/04/86	D	39.20	5088.80	0.00	
03/11/86	D	38.86	5089.14	0.00	
03/18/86	D	39.20	5088.80	0.00	
03/26/86	D	38.78	5089.22	0.00	
04/02/86	D	38.86	5089.14	0.00	
04/10/86	D	36.82	5091.18	0.00	
04/16/86	D	38.95	5089.05	0.00	
04/25/86	D	38.86	5089.14	0.00	
05/01/86	D	39.36	5088.64	0.00	
05/08/86	D	39.03	5088.97	0.00	

WELL: 22017 BEDROCK DEPTH: 52.00 BEDROCK ELEV: 5077.60

07/11/85	C	38.21	5091.39	13.79	
09/18/85	C	38.24	5091.36	13.76	
09/25/85	C	38.57	5091.03	13.43	
10/21/85	C	38.81	5090.79	13.19	
10/23/85	C	39.16	5090.44	12.84	
10/30/85	C	38.99	5090.61	13.01	
11/06/85	C	38.99	5090.61	13.01	
11/20/85	C	39.49	5090.11	12.51	
11/27/85	C	39.62	5089.98	12.38	
12/04/85	C	40.08	5089.52	11.92	
01/22/86	C	41.43	5088.17	10.57	
02/07/86	C	41.79	5087.81	10.21	
02/13/86	C	41.91	5087.69	10.09	
02/18/86	C	41.91	5087.69	10.09	
02/26/86	C	41.99	5087.61	10.01	
03/04/86	C	42.04	5087.56	9.96	
03/11/86	C	42.08	5087.52	9.92	

WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22019 BEDROCK DEPTH: 52.00 BEDROCK ELEV: 5068.50

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
03/18/86	C	29.19	5091.31	22.81	
03/26/86	C	28.28	5092.22	23.72	
04/02/86	C	28.44	5092.06	23.56	
04/10/86	C	28.11	5092.39	23.89	
04/16/86	C	27.69	5092.81	24.31	
04/25/86	C	28.24	5092.26	23.76	
05/01/86	C	28.19	5092.31	23.81	
05/08/86	C	28.19	5092.31	23.81	

WELL: 22057 BEDROCK DEPTH: 42.50 BEDROCK ELEV: 5080.80

07/12/85	R	28.40	5094.90	14.10	
09/18/85	R	29.06	5094.24	13.44	
09/25/85	R	28.48	5094.82	14.02	
10/21/85	R	28.50	5094.80	14.00	
10/23/85	R	28.79	5094.51	13.71	
10/30/85	R	29.73	5093.57	12.77	
11/06/85	R	28.98	5094.32	13.52	
11/20/85	R	29.98	5093.32	12.52	
11/27/85	R	30.06	5093.24	12.44	
12/04/85	R	29.64	5093.66	12.86	
01/22/86	R	30.15	5093.15	12.35	
02/07/86	R	30.11	5093.19	12.39	
02/13/86	R	30.23	5093.07	12.27	
02/18/86	R	29.86	5093.44	12.64	
02/26/86	R	29.94	5093.36	12.56	
03/04/86	R	31.07	5092.23	11.43	
03/11/86	R	29.90	5093.40	12.60	
03/18/86	R	29.86	5093.44	12.64	
03/26/86	R	29.94	5093.36	12.56	
04/02/86	R	29.98	5093.32	12.52	
04/10/86	R	30.32	5092.98	12.18	
04/16/86	R	29.40	5093.90	13.10	
04/25/86	R	29.28	5094.02	13.22	
05/01/86	R	29.94	5093.36	12.56	
05/08/86	R	29.90	5093.40	12.60	

WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22064 BEDROCK DEPTH: BEDROCK ELEV:

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
07/12/85	D	31.58	5093.22	0.00	
09/18/85	D	34.36	5090.44	0.00	
09/25/85	D	31.61	5093.19	0.00	
10/21/85	D	33.98	5090.82	0.00	
10/23/85	D	34.11	5090.69	0.00	
10/30/85	D	34.49	5090.31	0.00	
11/06/85	D	34.41	5090.39	0.00	
11/20/85	D	34.57	5090.23	0.00	
11/27/85	D	34.36	5090.44	0.00	
12/04/85	D	33.70	5091.10	0.00	
01/22/86	D	34.74	5090.06	0.00	
02/07/86	D	34.11	5090.69	0.00	
02/14/86	D	33.70	5091.10	0.00	
02/18/86	D	33.78	5091.02	0.00	
02/26/86	D	33.78	5091.02	0.00	
03/04/86	D	32.49	5092.31	0.00	
03/11/86	D	34.28	5090.52	0.00	
03/18/86	D	33.78	5091.02	0.00	
03/26/86	D	33.53	5091.27	0.00	
04/02/86	D	33.53	5091.27	0.00	
04/10/86	D	32.70	5092.10	0.00	
04/16/86	D	32.70	5092.10	0.00	
04/25/86	D	33.53	5091.27	0.00	
05/01/86	D	33.57	5091.23	0.00	
05/08/86	D	33.45	5091.35	0.00	

WELL: 22010 BEDROCK DEPTH: 42.00 BEDROCK ELEV: 5080.30

07/11/85	C	28.71	5093.59	13.29	
09/18/85	C	29.81	5092.49	12.19	
09/25/85	C	28.73	5093.57	13.27	
10/21/85	C	29.71	5092.59	12.29	
10/23/85	C	29.48	5092.82	12.52	
10/30/85	C	29.73	5092.57	12.27	
11/06/85	C	29.85	5092.45	12.15	
11/20/85	C	30.10	5092.20	11.90	
11/27/85	C	30.27	5092.03	11.73	
12/04/85	C	29.89	5092.41	12.11	
01/22/86	C	30.83	5091.47	11.17	
02/07/86	C	30.56	5091.74	11.44	
02/13/86	C	30.31	5091.99	11.69	
02/18/86	C	30.81	5091.49	11.19	
02/26/86	C	29.89	5092.41	12.11	
03/04/86	C	29.89	5092.41	12.11	
03/11/86	C	30.19	5092.11	11.81	

NORTHWEST BOUNDARY SYSTEM
MONITORING WELLS: 22064, 22010 AND 22076

REPORT DATE: MAY 1986

WELL 22064 TIME SPAN: Jul-85 THROUGH May-86
WELL 22010 TIME SPAN: Jul-85 THROUGH May-86
WELL 22076 TIME SPAN: Jul-85 THROUGH May-86

WELL INFORMATION

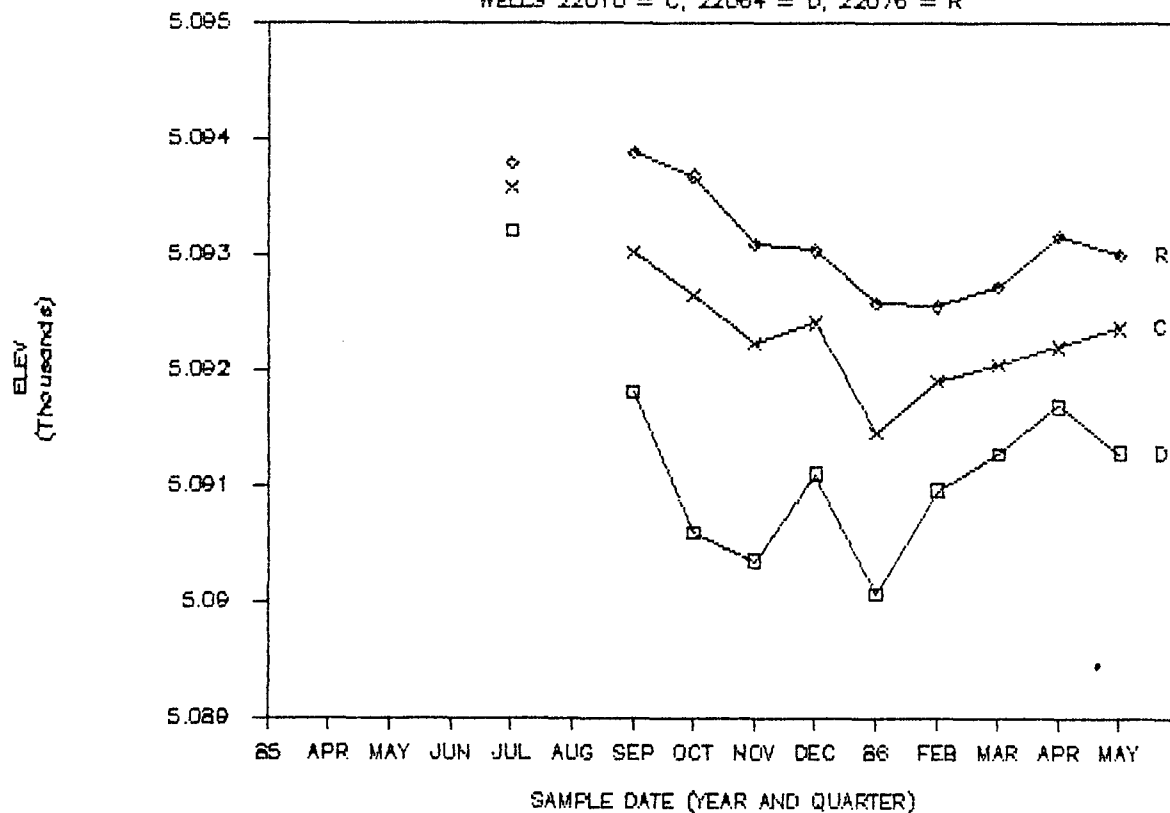
WELL NUMBER	AREA	EAST COORD.	NORTH COORD.	AQUIFER TYPE	TOS ELEV.	TOS ELEV.	BOS ELEV.
22064	D	2175500	191861		5124.80		
22010	C	2175307	192167	ALL	5122.30	5085.30	5080.30
22076	R	2175061	192307		5124.00		

STATISTICS

WELL NUMBER	MEAN ELEV.	N	STD. DEV. ELEV.	99% CONFIDENCE INTERVAL ELEV.	MEAN DEPTH (FT)
22064	5091.17	25	0.84	5090.70 - 5091.64	33.63
22010	5092.30	25	0.54	5092.00 - 5092.60	30.00
22076	5093.04	23	0.53	5092.73 - 5093.36	30.96

WATER ELEVATION PLOT

WELLS 22010 = C, 22064 = D, 22076 = R



WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22017 BEDROCK DEPTH: 52.00 BEDROCK ELEV: 5077.60

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
-----	-----	-----	-----	-----	-----
03/18/86	C	41.91	5087.69	10.09	
03/26/86	C	42.08	5087.52	9.92	
04/02/86	C	42.08	5087.52	9.92	
04/10/86	C	42.16	5087.44	9.84	
04/16/86	C	42.16	5087.44	9.84	
04/25/86	C	41.83	5087.77	10.17	
05/01/86	C	41.91	5087.69	10.09	
05/08/86	C	41.99	5087.61	10.01	

WELL: 22074 BEDROCK DEPTH: BEDROCK ELEV:

09/18/85	R	39.17	5091.33	0.00	
09/25/85	R	39.45	5091.05	0.00	
10/23/85	R	40.00	5090.50	0.00	
10/30/85	R	39.96	5090.54	0.00	
11/06/85	R	39.96	5090.54	0.00	
11/20/85	R	40.45	5090.05	0.00	
11/27/85	R	40.58	5089.92	0.00	
12/04/85	R	41.03	5089.47	0.00	
01/22/86	R	42.50	5088.00	0.00	
02/07/86	R	42.87	5087.63	0.00	
02/13/86	R	42.96	5087.54	0.00	
02/18/86	R	43.04	5087.46	0.00	
02/26/86	R	43.08	5087.42	0.00	
03/04/86	R	43.12	5087.38	0.00	
03/11/86	R	43.17	5087.33	0.00	
03/18/86	R	43.04	5087.46	0.00	
03/26/86	R	43.12	5087.38	0.00	
04/02/86	R	43.12	5087.38	0.00	
04/10/86	R	43.25	5087.25	0.00	
04/16/86	R	43.25	5087.25	0.00	
04/25/86	R	42.92	5087.58	0.00	
05/01/86	R	42.96	5087.54	0.00	
05/08/86	R	43.12	5087.38	0.00	

NORTHWEST BOUNDARY SYSTEM
MONITORING WELLS: 22069, 22016 AND 22073

REPORT DATE: MAY 1986

WELL 22069 TIME SPAN: Jul-85 THROUGH May-86
WELL 22016 TIME SPAN: Jul-85 THROUGH May-86
WELL 22073 TIME SPAN: Jul-85 THROUGH May-86

WELL INFORMATION

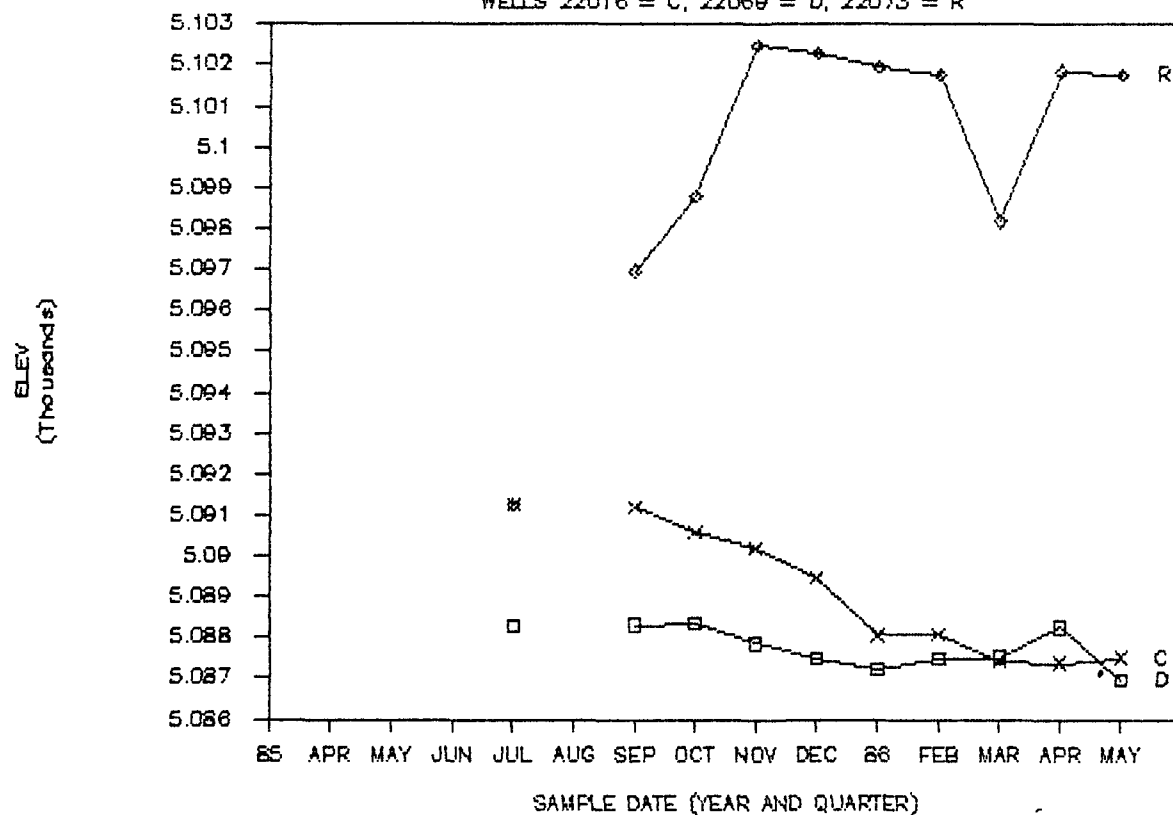
WELL NUMBER	AREA	EAST COORD.	NORTH COORD.	AQUIFER TYPE	TGB ELEV.	TOS ELEV.	BOS ELEV.
22069	D	2176073	192519		5131.70		
22016	C	2175801	192730	ALL	5129.30	5092.30	5082.30
22073	R	2175731	193069		5132.00		

STATISTICS

WELL NUMBER	MEAN ELEV.	N	STD. DEV. ELEV.	99% CONFIDENCE INTERVAL ELEV.	MEAN DEPTH (FT)
22069	5087.82	25	0.69	5087.43 - 5088.20	43.88
22016	5088.81	25	1.57	5087.93 - 5089.69	40.49
22073	5100.17	25	4.55	5097.62 - 5102.71	31.84

WATER ELEVATION PLOT

WELLS 22016 = C, 22069 = D, 22073 = R



WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22069 BEDROCK DEPTH: BEDROCK ELEV:

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
07/12/85	D	43.42	5088.28	0.00	
09/18/85	D	43.84	5087.86	0.00	
09/25/85	D	42.92	5088.78	0.00	
10/21/85	D	43.12	5088.58	0.00	
10/23/85	D	43.58	5088.12	0.00	
10/30/85	D	43.38	5088.32	0.00	
11/06/85	D	43.96	5087.74	0.00	
11/20/85	D	43.92	5087.78	0.00	
11/27/85	D	43.63	5088.07	0.00	
12/04/85	D	44.21	5087.49	0.00	
01/22/86	D	44.46	5087.24	0.00	
02/07/86	D	43.59	5088.11	0.00	
02/14/86	D	43.75	5087.95	0.00	
02/18/86	D	44.59	5087.11	0.00	
02/26/86	D	44.84	5086.86	0.00	
03/04/86	D	44.34	5087.36	0.00	
03/11/86	D	43.84	5087.86	0.00	
03/18/86	D	44.59	5087.11	0.00	
03/26/86	D	43.92	5087.78	0.00	
04/02/86	D	43.84	5087.86	0.00	
04/10/86	D	41.67	5090.03	0.00	
04/16/86	D	44.34	5087.36	0.00	
04/25/86	D	43.88	5087.82	0.00	
05/01/86	D	44.80	5086.90	0.00	
05/08/86	D	44.67	5087.03	0.00	

WELL: 22016 BEDROCK DEPTH: 47.00 BEDROCK ELEV: 5082.30

07/11/85	C	38.05	5091.25	8.95	
09/18/85	C	37.87	5091.43	9.13	
09/25/85	C	38.37	5090.93	8.63	
10/21/85	C	38.65	5090.65	8.35	
10/23/85	C	38.73	5090.57	8.27	
10/30/85	C	38.70	5090.60	8.30	
11/06/85	C	38.74	5090.56	8.26	
11/20/85	C	39.20	5090.10	7.80	
11/27/85	C	39.37	5089.93	7.63	
12/04/85	C	39.83	5089.47	7.17	
01/22/86	C	41.24	5088.06	5.76	
02/07/86	C	39.49	5089.81	7.51	
02/13/86	C	41.78	5087.52	5.22	
02/18/86	C	41.76	5087.54	5.24	
02/26/86	C	41.83	5087.47	5.17	
03/04/86	C	41.91	5087.39	5.09	
03/11/86	C	41.95	5087.35	5.05	

WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22016 BEDROCK DEPTH: 47.00 BEDROCK ELEV: 5082.30

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
03/18/86	C	41.76	5087.54	5.24	
03/26/86	C	41.91	5087.39	5.09	
04/02/86	C	41.91	5087.39	5.09	
04/10/86	C	41.99	5087.31	5.01	
04/16/86	C	42.03	5087.27	4.97	
04/25/86	C	41.70	5087.60	5.30	
05/01/86	C	41.70	5087.60	5.30	
05/08/86	C	41.87	5087.43	5.13	

WELL: 22073 BEDROCK DEPTH: BEDROCK ELEV:

07/12/85	R	40.75	5091.25	0.00	
09/18/85	R	40.57	5091.43	0.00	
09/25/85	R	29.48	5102.52	0.00	
10/21/85	R	41.45	5090.55	0.00	
10/23/85	R	28.57	5103.43	0.00	
10/30/85	R	29.53	5102.47	0.00	
11/06/85	R	28.78	5103.22	0.00	
11/20/85	R	29.82	5102.18	0.00	
11/27/85	R	29.94	5102.06	0.00	
12/04/85	R	29.69	5102.31	0.00	
01/22/86	R	30.03	5101.97	0.00	
02/07/86	R	30.32	5101.68	0.00	
02/13/86	R	30.32	5101.68	0.00	
02/18/86	R	30.11	5101.89	0.00	
02/26/86	R	30.19	5101.81	0.00	
03/04/86	R	44.73	5087.27	0.00	
03/11/86	R	30.32	5101.68	0.00	
03/18/86	R	30.11	5101.89	0.00	
03/26/86	R	30.15	5101.85	0.00	
04/02/86	R	30.23	5101.77	0.00	
04/10/86	R	30.82	5101.18	0.00	
04/16/86	R	29.90	5102.10	0.00	
04/25/86	R	29.61	5102.39	0.00	
05/01/86	R	30.23	5101.77	0.00	
05/08/86	R	30.23	5101.77	0.00	

NORTHWEST BOUNDARY SYSTEM
MONITORING WELLS: 22071, 22015 AND 22073

REPORT DATE: MAY 1986

WELL 22071 TIME SPAN: Jul-85 THROUGH May-86
WELL 22015 TIME SPAN: Jul-85 THROUGH May-86
WELL 22073 TIME SPAN: Jul-85 THROUGH May-86

WELL INFORMATION

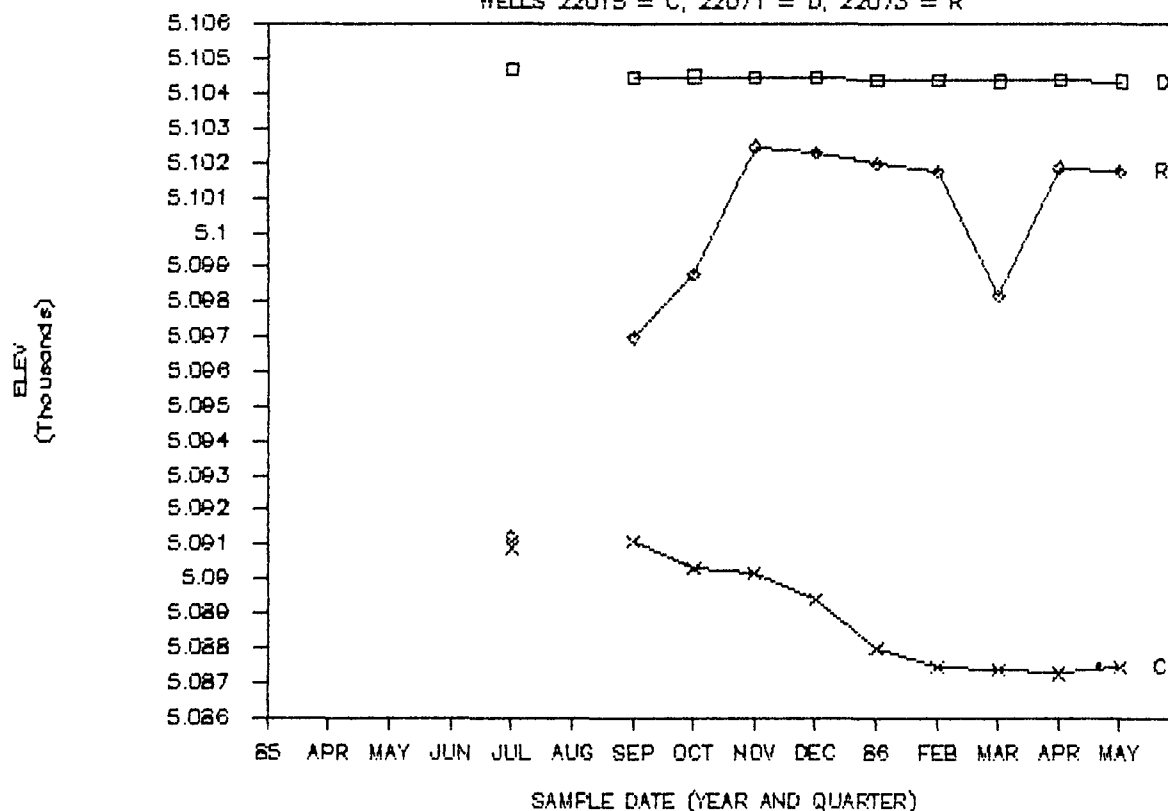
WELL NUMBER	AREA	EAST COORD.	NORTH COORD.	AQUIFER TYPE	T06 ELEV.	T05 ELEV.	B05 ELEV.
22071	D	2176323	192796		5132.60		
22015	C	2175966	192918	ALL	5130.40	5089.40	5079.40
22073	R	2175731	193069		5132.00		

STATISTICS

WELL NUMBER	MEAN ELEV.	N	STD. DEV. ELEV.	99% CONFIDENCE INTERVAL ELEV.	MEAN DEPTH (FT)
22071	5104.43	25	0.09	5104.38 - 5104.47	28.18
22015	5088.62	25	1.54	5087.76 - 5089.47	41.79
22073	5100.17	25	4.55	5097.62 - 5102.71	31.84

WATER ELEVATION PLOT

WELLS 22015 = C, 22071 = D, 22073 = R



WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22071 BEDROCK DEPTH: BEDROCK ELEV:

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
07/12/85	D	27.89	5104.71	0.00	
09/18/85	D	28.11	5104.49	0.00	
09/25/85	D	28.11	5104.49	0.00	
10/21/85	D	27.99	5104.61	0.00	
10/23/85	D	28.15	5104.45	0.00	
10/30/85	D	28.15	5104.45	0.00	
11/06/85	D	28.15	5104.45	0.00	
11/20/85	D	28.15	5104.45	0.00	
11/27/85	D	28.15	5104.45	0.00	
12/04/85	D	28.15	5104.45	0.00	
01/22/86	D	28.21	5104.39	0.00	
02/07/86	D	28.19	5104.41	0.00	
02/14/86	D	28.23	5104.37	0.00	
02/18/86	D	28.19	5104.41	0.00	
02/26/86	D	28.23	5104.37	0.00	
03/04/86	D	28.27	5104.33	0.00	
03/11/86	D	28.23	5104.37	0.00	
03/18/86	D	28.19	5104.41	0.00	
03/26/86	D	28.27	5104.33	0.00	
04/02/86	D	28.27	5104.33	0.00	
04/10/86	D	28.19	5104.41	0.00	
04/16/86	D	28.19	5104.41	0.00	
04/25/86	D	28.23	5104.37	0.00	
05/01/86	D	28.23	5104.37	0.00	
05/08/86	D	28.27	5104.33	0.00	

WELL: 22015 BEDROCK DEPTH: 51.00 BEDROCK ELEV: 5079.40

07/11/85	C	39.48	5090.92	11.52	
09/18/85	C	39.06	5091.34	11.94	
09/25/85	C	39.56	5090.84	11.44	
10/21/85	C	40.38	5090.02	10.62	
10/23/85	C	39.90	5090.50	11.10	
10/30/85	C	39.86	5090.54	11.14	
11/06/85	C	39.84	5090.56	11.16	
11/20/85	C	40.40	5090.00	10.60	
11/27/85	C	40.52	5089.88	10.48	
12/04/85	C	40.98	5089.42	10.02	
01/22/86	C	42.40	5088.00	8.60	
02/07/86	C	42.81	5087.59	8.19	
02/13/86	C	42.94	5087.46	8.06	
02/18/86	C	42.94	5087.46	8.06	
02/26/86	C	43.02	5087.38	7.98	
03/04/86	C	43.02	5087.38	7.98	
03/11/86	C	43.06	5087.34	7.94	

WATER LEVEL DATA
REPORT DATE: MAY 1986

WELL: 22015 BEDROCK DEPTH: 51.00 BEDROCK ELEV: 5079.40

SAMPLE DATE	AREA	WATER DEPTH FROM GRND (ft)	WATER ELEVATION	SAT THICK	REMARKS
03/18/86	C	42.94	5087.46	8.06	
03/26/86	C	43.06	5087.34	7.94	
04/02/86	C	43.06	5087.34	7.94	
04/10/86	C	43.23	5087.17	7.77	
04/16/86	C	43.15	5087.25	7.85	
04/25/86	C	43.15	5087.25	7.85	
05/01/86	C	42.90	5087.50	8.10	
05/08/86	C	42.98	5087.42	8.02	

WELL: 22073 BEDROCK DEPTH: BEDROCK ELEV:

07/12/85	R	40.75	5091.25	0.00	
09/18/85	R	40.57	5091.43	0.00	
09/25/85	R	29.48	5102.52	0.00	
10/21/85	R	41.45	5090.55	0.00	
10/23/85	R	28.57	5103.43	0.00	
10/30/85	R	29.53	5102.47	0.00	
11/06/85	R	28.78	5103.22	0.00	
11/20/85	R	29.82	5102.18	0.00	
11/27/85	R	29.94	5102.06	0.00	
12/04/85	R	29.69	5102.31	0.00	
01/22/86	R	30.03	5101.97	0.00	
02/07/86	R	30.32	5101.68	0.00	
02/13/86	R	30.32	5101.68	0.00	
02/18/86	R	30.11	5101.89	0.00	
02/26/86	R	30.19	5101.81	0.00	
03/04/86	R	44.73	5087.27	0.00	
03/11/86	R	30.32	5101.68	0.00	
03/18/86	R	30.11	5101.89	0.00	
03/26/86	R	30.15	5101.85	0.00	
04/02/86	R	30.23	5101.77	0.00	
04/10/86	R	30.82	5101.18	0.00	
04/16/86	R	29.90	5102.10	0.00	
04/25/86	R	29.61	5102.39	0.00	
05/01/86	R	30.23	5101.77	0.00	
05/08/86	R	30.23	5101.77	0.00	